

Memorandum



Date: July 19, 2007

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Aviation & Tourism Committee

From: George M. Burgess
County Manager

ATC
Agenda Item No:
7(A)

Subject: Miami-Dade Aviation Department Capital Improvement Program Report

The Miami-Dade County Board of County Commissioners (BCC) adopted a Master Plan for the Miami International Airport (MIA) and approved a \$6.2 billion Capital Improvements Program (CIP). The CIP at Miami International Airport includes an expanded and efficient airfield with four Runways and several new Taxiways, expanded parking, a central collection plaza, additional lanes at upper/lower Terminal drives, and enhanced connections to the surrounding expressways and MIC/Rental Car Center. The Terminal is expanding from 3.5 million to 7.4 million square feet with 101 International Gates and 26 Domestic Gates, for a total of 127 Gates with 555 ticket counters and 120 Self Service Devices (SSD). Separate Federal Inspection Services (FIS) locations in North, Central and South Terminals will have the capacity to process 7400 passengers per hour.

Following is the status of the two major components of the CIP: North Terminal Development (NTD) Program and South Terminal Development (STD) Program.

NORTH TERMINAL DEVELOPMENT (NTD) PROGRAM

Contractual Issues

- On May 30, 2007, Miami-Dade Aviation Department (MDAD) issued the Notice to Proceed (NTP) to Parsons-Odebrecht Joint Venture (POJV) for the remaining portion of the renegotiated lump-sum contract with POJV, referred to as the FARC Contract (First Amended and Restated Contract). FARC specifies a lump-sum construction cost to execute the A-to-D portion of the NTD Program work.
- Critical work on building shell, mechanical, electrical and building management systems have been addressed in a limited-scope Annex # 6A, which has been fully executed and is ongoing.
- Work under annexes # 3, # 4, and # 5 is ongoing and progressing well.
- POJV anticipates all FARC subcontracts to be in place, signed and executed by July 15. POJV has reached a subcontract agreement with MCM for interior finishes.
- The Terminal Wide Improvements (TWI) project was advertised for bids on June 20, 2007. Good responses were received from interested bidders and healthy competition for this work is anticipated.

Construction Issues

- Total workforce at the NTD program (including all contractors) is approximately 700; the POJV workforce continues to increase as badging continues.
- The A-B project has installed approximately 400 of 857 piles as of June 27. Baker Construction has been working 10 hours a day, 6 days a week; and will go to 12 hours a day (if rain continues) to keep up the schedule of 20 to 25 piles a day.

- On June 13, 2007, Kone delivered the first elevator (completely installed and running) under the new NTD management.
- FPL took over the NTD vault for permanent power on June 13, 2007. Permanent power for the job site will be up and running by September 30, 2007.
- The Ramp Control Tower at Concourse D is on schedule to be completed and turned over to American Airlines by the end of October 2007. Issues to be addressed include installation of the replacement roofing, fire stop, fireproofing of curtain wall support, and balcony overflow drains.

Completion Work Issues

- "Completion"¹ work that began in July 2006 is still progressing. The B-C completion project No. 745B (Annex # 3) is progressing according to the schedule. The C-D Infill and APM Maintenance and Service Facility completion project (Annex #4) has been executed and the Contractor has commenced work. The Gate Control Tower (Annex #5) has also been executed and work is progressing according to the schedule. This ongoing work is well organized and moving ahead.
- Dry-in of project 745B is scheduled to be achieved by the end of August 2007.
- Turner Austin Airport Team (TAAT) completion projects 737G and 737E have progressed will be scheduled to receive a Temporary Certificate of Occupancy (TCO) by August 30, 2007.
- Project 769A is on schedule, and is progressing extremely well. All claims for this project were settled in the FARC renegotiated contract. Substantial completion is scheduled for June 29, 2007.
- Project 739H, Concourse D Rotunda, is also on schedule and will obtain substantial completion on June 29, 2007.
- Civil apron work and other building contracts continue with long-time performers Crompton and Marks Brothers. Concourse B demolition work is progressing. The last work remaining is demolition of the two towers; one is scheduled to be completed by June 27, and the second tower on July 11, according to the latest project report.

Construction Phasing/Scoping

- Concourse A is still scheduled to be closed after the opening of the South Terminal to facilitate the work and convert access to the job site into land side.
- Temporary corridors are now in place and operating to allow for construction of bag holes.
- Drawings have been submitted by the engineer; and the construction access road has been approved by the police, security, fire, and other pertinent Departments.

¹ The North Terminal Project construction work is comprised of several major components:

- Completion Work- this is the area between old Concourses B and C which was partially constructed under TAAT. It was left in an unfinished condition.
- BD- the area between old concourse B and D, on the "airside" of the terminal. It consists of new construction and extensive renovations to the existing terminal.
- AB- this is basically all-new construction between concourses A and B.
- TWI- this is the extensive renovation of the existing terminal area between concourses A and D.
- APM- this is the rooftop Automated People Mover system being supplied and installed by Sumitomo Corporation of America.
- BHS- this is the new automated Baggage Handling System being furnished and installed by Siemens.

North Terminal Claims Status Report

The first table summarizes all claims. The second table covers Certified Small Business Enterprise (CSBE) firms only:

Summary of all claims as of May 31, 2007:

NTD CLAIM STATUS	Number of Claims	Claim Amount	Settlement Amount	Settlement Check Amount	Status
PAID STATUS					
Claimants have picked-up Checks	160	\$ 93,698,704.43	\$ 41,759,891.57	\$ 41,233,244.47	Paid
PAYMENT IN PROCESS STATUS - (PROFESSIONAL COMPLIANCE DIVISION)					
With Professional Compliance Division - will be paid within 30 days	14	\$ 10,033,484.28	\$ 3,090,877.96	N/A	Next 30 Days
CLAIMS READY FOR BCC APPROVAL					
Next BCC meeting is 6/5/07 then 30 days with Professional Compliance	0	\$ -	\$ -	N/A	Next 60 Days
SUBTOTAL OF SETTLEMENTS:	174	\$ 103,732,188.71	\$ 44,850,769.53	\$ 41,233,244.47	Next 60 Days
	Number of Claims	Claim Amount		Offer Amount	
SETTLEMENT AGREEMENTS IN PROCESS					
County Attorneys Office	4	\$ 2,624,267.64		\$ 1,594,922.84	
ORB APPROVED					
Other Approvals in Process	48	\$ 13,067,931.12		\$ 5,298,661.82	
CLAIMANT STATUS					
Awaiting Claimant Action	23	\$ 13,182,771.10		\$ 3,734,885.76	
SUBTOTAL OF OFFERS:	75	\$ 28,874,969.86		\$ 10,628,470.42	
	Number of Claims	Claim Amount		Offer Amount	
CLOSED STATUS					
No Action Required	83	\$ 23,802,434.18		\$ -	
	Number of Claims	Claim Amount		Offer Amount	
PENDING STATUS					
Claims that have not yet been reviewed by the ORB	10	\$ 6,739,372.87		\$ -	
	Total Number of Claims	Total Claim Amount	Total Settlement Amounts	Total Outstanding Offers	Status
GRAND TOTALS - NTD CLAIMS PROCESS:	342	\$ 163,148,965.62	\$ 44,850,769.53	\$ 10,628,470.42	

CSBE Summary as of May 31, 2007:

NTD CLAIM STATUS	Number of Claims	Claim Amount	Settlement Amount	Settlement Check Amount	Status
PAID STATUS					
Claimants have picked-up Checks	25	\$ 1,733,104.43	\$ 1,169,126.38	\$ 782,471.12	Paid
PAYMENT IN PROCESS STATUS - (PROFESSIONAL COMPLIANCE DIVISION)					
With Professional Compliance Division - will be paid within 30 days	0	\$ -	\$ -	n/a	Next 30 Days
CLAIMS READY FOR BCC APPROVAL					
Next BCC meeting is 4/24/07 then 30 days with Professional Compliance	0	\$ -	\$ -	n/a	N/A
SUBTOTAL OF SETTLEMENTS:	25	\$ 1,733,104.43	\$ 1,169,126.38	\$ 782,471.12	N/A
	Number of Claims	Claim Amount		Offer Amount	
SETTLEMENT AGREEMENTS IN PROCESS					
County Attorneys Office	0	\$ -		\$ -	
ORB APPROVED					
Other Approvals in Process	0	\$ -		\$ -	
CLAIMANT STATUS					
Awaiting Claimant Action	4	\$ 350,412.79		\$ 10,673.15	
SUBTOTAL OF OFFERS:	4	\$ 350,412.79		\$ 10,673.15	
	Number of Claims	Claim Amount		Offer Amount	
CLOSED STATUS					
No Action Required	5	\$ 1,773,117.49		\$ -	
	Number of Claims	Claim Amount		Offer Amount	
PENDING STATUS					
Claims that have not yet been reviewed by the ORB	2	\$ 2,356,947.25		\$ -	
	Total Number of Claims	Total Claim Amount	Total Settlement Amounts	Total Outstanding Offers	Status
CSBE GRAND TOTALS - NTD CLAIMS PROCESS:	36	\$ 6,213,581.96	\$ 1,169,126.38	\$ 10,673.15	
AS OF 05/31/2007					

SOUTH TERMINAL PROGRAM

Construction Status

- Smoke testing is ongoing on both South Terminal and Concourse J, with 30 smoke zone tests needed for South Terminal and 27 for Concourse J. Not all tests to date have been successful due to additional required design modifications to the smoke evacuation systems, and the fact that portions of the buildings not sufficiently complete for performance of the tests. The contractor is in the process of erecting temporary partitions on portions of the buildings that are not complete in order to continue testing and A/Es are working with the Contractor to implement additional design modifications. These activities place a constraint on achieving TCO.
- Fire Alarm System testing and inspections are proceeding at a steady pace. Programming of control panels is ongoing.

- Milestone 8, Baggage Handling System ready for Battelle testing, was achieved on May 24, nine days behind schedule. Battelle mobilization occurred on May 30 and testing for certification of the system is being performed.
- Contractor achieved Milestone 7 -- completing the balance of horizontal Premise Distribution System (PDS) cable including pulling and terminating -- on May 18, 20 weeks behind schedule.
- Project A155, which encompasses the first section of the new Terminal South Building closest to Concourse H, is expecting a TCO by June 30. The remaining portions of the South Terminal and Concourse J are to follow suit in order to meet the August 15 First Flight milestone.

Current Issues

- A significant list of Building and Fire Department comments is being worked off by the Contractor. Modifications due to Authorities Having Jurisdiction (AHJ) requests are being programmed for completion before First Flight Date of August 15.
- Contractor failed to achieve Milestones 5, 6, 7 and 8 on time; however, these do not affect the First Flight date at this time.
- The Contractor has requested compensable time extensions for Phase I substantial completion to October 15, 2007, due to security checkpoint relocation, additional duct insulation for fifth-floor mechanical rooms, CC2 conveyor belt modifications, and an additional extension to November 16, 2007, due to design deficiencies in the Smoke Evacuation System. The Contractor's request is being analyzed for merit and efforts to mitigate any impacts are ongoing.

Summary

- The Program Team is meeting weekly to mitigate any schedule slippages against the agreed Change Order # 8 completion dates. Contractor productivity and craft staffing are requirements for successfully achieving First Flight on August 15, 2007. In order to de-link North Terminal from South Terminal, all Airline relocations from North to South and North to Central must be completed by November 10, 2007. Because of this, the August 15, 2007, milestone date is the most critical for the Capital Improvement Program at this time.



Assistant County Manager